

Name: _____

Date: _____

Algebra 1A Pd: _____

Weekend Word Problem #10: Measures of Central Tendency

The grades of Brandi's first four math quizzes are: 78, 82, 78, and 86.

1. Find the mean of Brandi's grades. Show your work.

2. Find the median of Brandi's grades. Show your work.

3. Find the mode of Brandi's grades.

4. Which measure of central tendency (mean, median, or mode) best describes Brandi's grades? Why? Write ONE complete sentence using algebraic terms.

Optional CHALLENGE Questions:

5. Brandi wants to have a quiz average of an 84. What must she earn on her fifth math quiz? WRITE AN EQUATION to solve!

6. Based on Brandi's quiz grades so far, do you think she can end up with a quiz average of an 84? Use your answer for #5 to explain.
